

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	hopkins.in. AND wierenga.in. AND chen.in.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/16 09:34
S2	661	PIN NEAR verification	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/16 09:39
S3	295	380/42.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/16 15:55
S4	0	S2 AND S3	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/16 09:38
S5	13	S2 AND CBC	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/16 09:39
S6	23	("4924514").URPN.	USPAT	OR	OFF	2007/04/16 09:48
S7	7	S6 AND CBC	USPAT	OR	OFF	2007/04/16 09:52
S8	19	PIN NEAR verification NEAR key	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/02 15:23
S9	14	("4218738"   "4223403"   "4227253"   "4386233"   "4500750"   "4503287"   "4578530"   "4633037"   "4683968"   "4713753"   "4723283"   "4723284"   "4747050"   "4755940").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 13:44
S10	1	"20050149739"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 13:46
S11	72	"4797920"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 13:51
S12	0	S11 AND "pin identification number verification"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 13:52
S13	50	S11 AND verification	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 13:53
S14	0	S11 AND CBC	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 13:53
S15	0	S11 AND "cipher block"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 13:53

## EAST Search History

S16	70	("cipher block chaining" OR CBC) SAME PIN	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 13:54
S17	36	S16 AND verification	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 13:54
S18	295	380/42.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/16 16:11
S19	18	S18 AND ("personal identification number" OR PIN)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/16 16:11
S20	1	"20010001155"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/16 16:25
S21	1	"20030076960"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/16 16:25
S22	102	"4193131"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/16 16:25
S23	46	"4223403"	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/03 10:47
S24	36	"4500750"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/16 16:26
S25	22	"5214698"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/16 16:37
S26	56	"4965568"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/16 16:40
S27	1	"initialization vector" SAME PIN SAME verification	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/16 16:40
S28	666	PIN NEAR verification	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/01 16:55
S29	1	S28 WITH ("cipher block chaining" OR CBC)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/01 16:56
S30	1	S28 SAME ("cipher block chaining" OR CBC)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/01 16:56

## EAST Search History

S31	13	S28 AND ("cipher block chaining" OR CBC)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/01 16:56
S32	23	("4924514").URPN.	USPAT	OR	OFF	2007/05/02 10:39
S33	19	("4203166"   "4218738"   "4227253"   "4238553"   "4238859"   "4747050"   "4755940"   "4850017"   "4918728"   "4924514"   "4924515"   "4941176"   "4993069"   "5007089"   "5103478"   "5144665"   "5177791"   "5200999"   "5432849").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 12:37
S34	5	("6333983").URPN.	USPAT	OR	OFF	2007/05/02 12:37
S35	0	S33 AND S34 AND CBC	USPAT	OR	OFF	2007/05/02 12:37
S36	0	S33 AND S34 AND "cipher block"	USPAT	OR	OFF	2007/05/02 12:37
S37	43	"4747050"	USPAT	OR	OFF	2007/05/02 14:49
S38	5	"L11" AND CBC	USPAT	OR	OFF	2007/05/02 15:23
S39	1	"20030126086"	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/02 15:29
S40	1	10/736219	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/02 15:29
S41	10	"IBM 3624"	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/03 10:47
S42	1	S41 AND CBC	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/03 10:47
S43	23	("4924514").URPN.	USPAT	OR	OFF	2007/05/03 10:59
S44	23	("4924514").URPN.	USPAT	OR	OFF	2007/05/03 11:00
S45	14	("4218738"   "4223403"   "4227253"   "4386233"   "4500750"   "4503287"   "4578530"   "4633037"   "4683968"   "4713753"   "4723283"   "4723284"   "4747050"   "4755940").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/05 19:13
S46	9988	PIN NEAR2 key	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/03 12:24
S47	3819	PAN WITH PIN	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/03 12:24
S48	7	PAN WITH PIN AND CBC	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/03 14:21

## EAST Search History

S49	0	Diebold NEAR TABS	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/03 14:21
S50	2465	Diebold	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/03 14:21
S51	0	Diebold NEAR TABS	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/03 14:21
S52	66	S50 AND PIN NEAR verification	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/03 15:08
S53	4	(CBC OR "cipher block chaining") NEAR2 3-DES	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/03 15:13
S54	90	(CBC OR "cipher block chaining") NEAR2 3DES	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/03 15:32
S55	12	PIN NEAR verification NEAR value	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/03 15:36
S56	21	"5757918"	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/04 10:10
S57	33	"1310719"	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/04 15:24
S58	57	PIN near recovery	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/04 15:40
S59	1	"20010001155"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/05 19:13
S60	1	"20030076960"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/05 19:14
S61	0	"41913131"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/05 19:14
S62	102	"4193131"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/05 19:14
S63	46	"4223403"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/05 19:15

## EAST Search History

S64	36	"4500750"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/05 19:15
S65	22	"5214698"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/05 19:15